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22827 7590 09/27/2004

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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/636,177      | 08/07/2003  | R. Kenneth Marcus    | CXU-342-CIP         | 2101             |

TITLE OF INVENTION: ATMOSPHERIC PRESSURE, GLOW DISCHARGE, OPTICAL EMISSION SOURCE FOR THE DIRECT SAMPLING OF LIQUID MEDIA

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES          | \$665     | \$300           | \$965            | 12/27/2004 |
| EXAMINER       | ART UNIT     |           | CLASS-SUBCLASS  |                  |            |
| WELLS, NIKITA  | 2881         |           | 250-288000      |                  |            |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

2. For printing on the patent front page, list  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

**CLEMSON UNIVERSITY**

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**CLEMSON, SOUTH CAROLINA**Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

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 Payment by credit card. Form PTO-2038 is attached.  
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5. Change in Entity Status (from status indicated above)

 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*James M. Bagarazzi*Date Nov 2, 2004Typed or printed name James M. BagarazziRegistration No. 29,609

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT

ATTORNEY DOCKET NO.: CXU-342-CIP

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"Express Mail" Mailing Label Number EV599452991US

Date of Deposit November 2, 2004

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the Date of Deposit indicated above and is addressed to MAIL STOP ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22213-1450.

Denise R. Ginn

(Typed or printed name of person mailing paper or fee)

Denise R. Ginn

(Signature of person mailing paper or fee)

RE: U.S. Continuation-in-Part Patent Application

Title: ATMOSPHERIC PRESSURE GLOW DISCHARGE OPTICAL  
EMISSION SOURCE FOR THE DIRECT SAMPLING OF  
LIQUID MEDIA

Serial No.: 10/636,177

Filing Date: August 7, 2003

Our Reference No.: CXU-342-CIP